



### QUIK-CARE FOAM HAND SANITIZER

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : QUIK-CARE FOAM HAND SANITIZER

Other means of identification : not applicable

Recommended use : Hand Sanitizer

Restrictions on use : Reserved for industrial and professional use.

Product dilution information Product is sold ready to use.

Company : Ecolab Inc.

370 N. Wabasha Street

St. Paul, Minnesota USA 55102

1-800-352-5326

Emergency telephone : 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)

Issuing date : 04/28/2014

# SECTION 2. HAZARDS IDENTIFICATION

#### **GHS Classification**

Flammable liquids Eye irritation

: Category 3 : Category 2A

#### GHS Label element

Hazard pictograms





Signal Word : Warning

Hazard Statements : Flammable liquid and vapor.

Causes serious eye irritation.

Precautionary Statements : Prevention:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:

Store in a well-ventilated place. Keep cool.

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Other hazards : None known.

# SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

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Chemical Name CAS-No. Concentration (%)

ethanol 64-17-5 60 - 100 Famesol 4602-84-0 0.1 - 1

# SECTION 4. FIRST AID MEASURES

In case of eye contact : Rinse with water.

In case of skin contact : Rinse with water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Get medical attention if symptoms occur.

Protection of first-aiders : No special precautions are necessary for first aid responders.

Notes to physician : Treat symptomatically.

See toxicological information (Section 11)

# SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Unsultable extinguishing

media

: High volume water jet

Specific hazards during fire

fighting

: Fire Hazard

Keep away from heat and sources of ignition. Flash back possible over considerable distance.

Beware of vapors accumulating to form explosive concentrations.

Vapors can accumulate in low areas.

Hazardous combustion

products

: Carbon oxides

for fire-fighters

Special protective equipment : Use personal protective equipment.

Specific extinguishing

methods

: Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in

accordance with local regulations. In the event of fire and/or explosion

do not breathe fumes.

# SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions. protective equipment and emergency procedures

: Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach

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a waterway.

# SECTION 7. HANDLING AND STORAGE

: Take necessary action to avoid static electricity discharge (which Advice on safe handling

might cause ignition of organic vapors). Keep away from fire, sparks

and heated surfaces.

: Keep away from heat and sources of ignition. Keep In a cool, well-Conditions for safe storage

ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled

containers.

Storage temperature : 0 °C to 30 °C

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Ingredients	CAS-No.	Form of exposure	Permissible concentration	Basis
ethanoi	64-17-5	TWA	1,000 ppm	ACGIH
		TWA	1,000 ppm 1,900 mg/m3	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m3	OSHA Z1

Engineering measures : Good general ventilation should be sufficient to control worker

exposure to airborne contaminants.

Personal protective equipment

Eve protection No special protective equipment required.

Hand protection : No special protective equipment required.

Skin protection : No special protective equipment required.

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene measures : No specific measures identified.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : clear, colorless Odor : alcoholic

рΗ : 6.0 - 9.0, 100 % Flash point : 26 °C closed cup Odor Threshold : no data available Melting point/freezing point : no data available Initial boiling point and : no data available

boiling range

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Evaporation rate : no data available Flammability (solid, gas) : no data available Upper explosion limit : no data available Lower explosion limit : no data available Vapor pressure : no data available Relative vapor density : по data available Relative density : 0.858 - 0.883 Water solublity : soluble

Solubility in other solvents : no data avaliable Partition coefficient: n-

octanol/water

: no data available

Autoignition temperature : no data available Thermal decomposition : no data available Viscosity, kinematic : no data available Explosive properties : no data available Oxidizing properties : no data available Molecular weight : no data available VOC : no data available

# SECTION 10. STABILITY AND REACTIVITY

Chemical stability : Stable under normal conditions.

Possibility of hazardous

: No dangerous reaction known under conditions of normal use.

reactions

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : None known,

Hazardous decomposition products

: Carbon oxides

# SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of : Inhalation, Eye contact, Skin contact

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### Potential Health Effects

Eyes : Causes serious eye irritation.

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

#### Experience with human exposure

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Eye contact : Redness, Pain, Irritation

Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

Toxicity

Acute oral toxicity : Acute toxicity estimate . > 5,000 mg/kg

Acute inhalation toxicity : no data available Acute dermal toxicity : no data available Skin corrosion/irritation ; no data available Serious eye damage/eye : no data available irritation

Respiratory or skin

sensitization

: no data available

Carcinogenicity

IARC No component of this product present at levels greater than or equal

to 0.1% is identified as probable, possible or confirmed human

carcinogen by IARC.

**OSHA** No ingredient of this product present at levels greater than or equal to

0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No ingredient of this product present at levels greater than or equal to

0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive effects : no data available Germ cell mutagenicity : no data available Teratogenicity : no data available STOT-single exposure : no data available STOT-repeated exposure : no data available

Aspiration toxicity : no data available

Ingredients

Acute inhalation toxicity : ethanol

4 h LC50 rat: 117 mg/l

Ingredients

Acute dermal toxicity : ethanol

LD50 rabbit: 15,800 mg/kg

Farnesol

LD50 rat: > 15,000 mg/kg

# SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

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Environmental Effects : This product has no known ecotoxicological effects.

Product

Toxicity to fish : no data available Toxicity to daphnia and other : no data available

aquatic invertebrates

Toxicity to algae

: no data available

Ingredients

Toxicity to fish : ethanol

96 h LC50 Fish: 11,000 mg/l

Farnesol

96 h LC50: 1.82 mg/l

# Persistence and degradability

no data available

#### Bioaccumulative potential

no data available

### Mobility in soil

no data available

# Other adverse effects

no data available

# SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods : Where possible recycling is preferred to disposal or incineration. If

recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

: Dispose of as unused product. Empty containers should be taken to Disposal considerations

an approved waste handling site for recycling or disposal. Do not re-

use empty containers.

RCRA - Resource

Conservation and Recovery Authorization Act Hazardous

: D001 (ignitable)

waste

# SECTION 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, tabeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

UN number : 1170

Description of the goods : Ethanol solutions

Class : 3 Packing group : 111 Environmentally hazardous : no

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# **QUIK-CARE FOAM HAND SANITIZER**

Sea transport (IMDG/IMO)

UN number : 1170

Description of the goods : ETHANOL SOLUTION

Class : 3 Packing group : 111 Marine pollutant : ก๐

# **SECTION 15. REGULATORY INFORMATION**

# **EPCRA - Emergency Planning and Community Right-to-Know**

### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

Fire Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting

requirements of SARA Title III, Section 302.

: SARA 313: This material does not contain any chemical components **SARA 313** 

with known CAS numbers that exceed the threshold (De Minimis)

reporting levels established by SARA Title III, Section 313.

# California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

# The ingredients of this product are reported in the following inventories:

# 1907/2006 (EU):

not determined

# Switzerland. New notified substances and declared preparations :

not determined

#### United States TSCA Inventory:

On TSCA Inventory

#### Canadian Domestic Substances List (DSL):

All components of this product are on the Canadian DSL.

# Australia inventory of Chemical Substances (AICS):

On the inventory, or in compliance with the inventory

# New Zealand. Inventory of Chemical Substances:

On the inventory, or in compliance with the inventory

#### Japan. ENCS - Existing and New Chemical Substances Inventory:

not determined

#### Japan. ISHL - Inventory of Chemical Substances (METI) :

not determined

# Korea. Korean Existing Chemicals Inventory (KECI):

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On the inventory, or in compliance with the inventory

Philippines inventory of Chemicals and Chemical Substances (PICCS) :

not determined

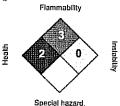
China, Inventory of Existing Chemical Substances in China (IECSC) :

On the inventory, or in compliance with the inventory

#### SECTION 16. OTHER INFORMATION

#### NEPA:

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#### HMIS III:

PHYSICAL HAZARD	0
FLAMMABILITY	3
HEALTH	2

0 = not significant, 1 =Slight,

2 = Moderate, 3 = High 4 = Extreme, \* = Chronic

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Version : 1.0

Prepared by : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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